



TECOM Integrated Management System (TIMS)

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Grose***

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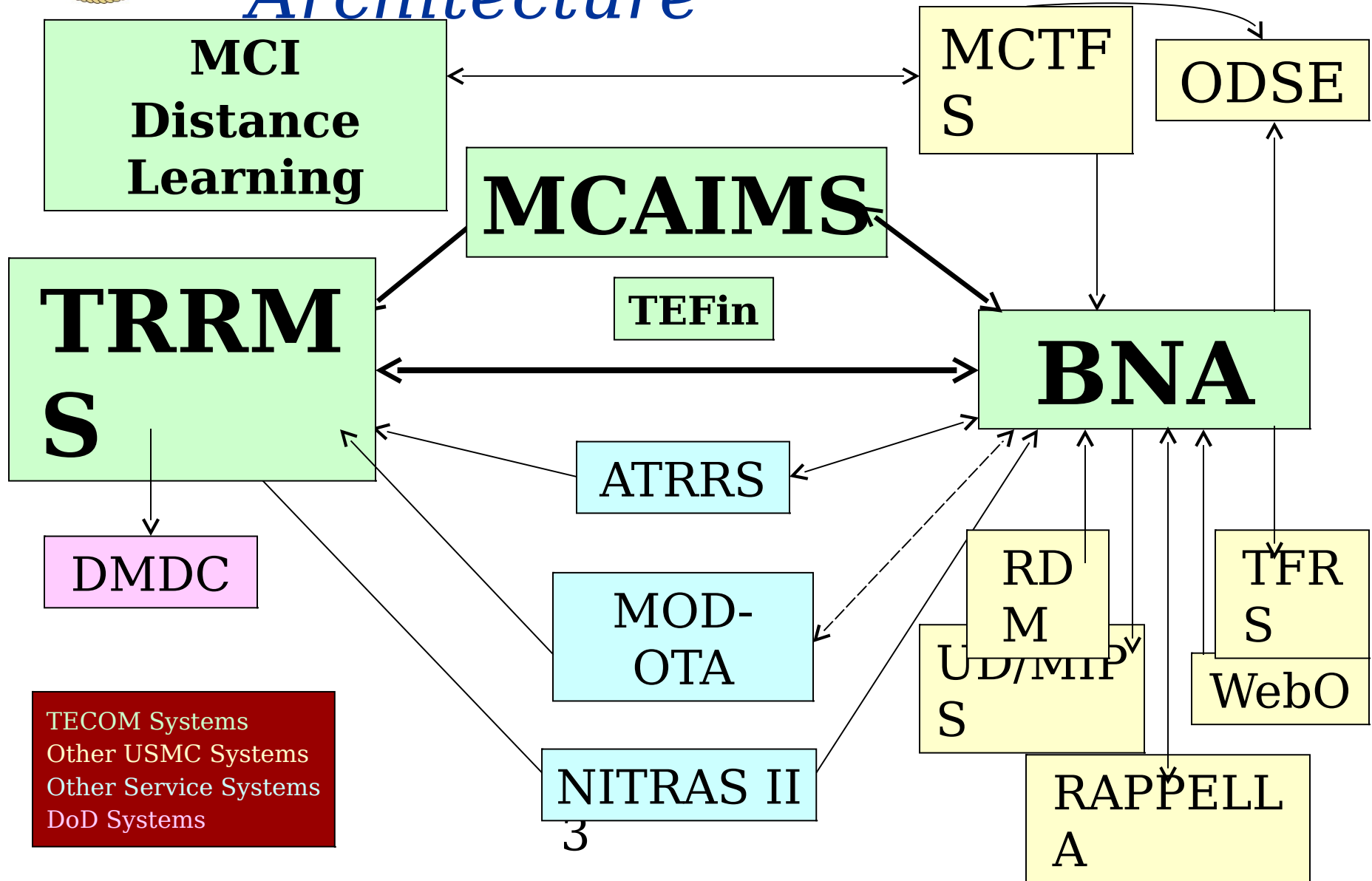
Background



- ***FSTB assigned functional and managerial responsibility for the***
 - *Training Requirements and Resources Management System (TRRMS)*
 - *By Name Assignment (BNA) applications*

AND

- ***Require the exchange of common data with...***





We have a problem...



- *Applications were developed independently, without an integrated strategic vision.*
- *They do not provide adequate information management*
- *They do not promote capabilities to share in information exchange*



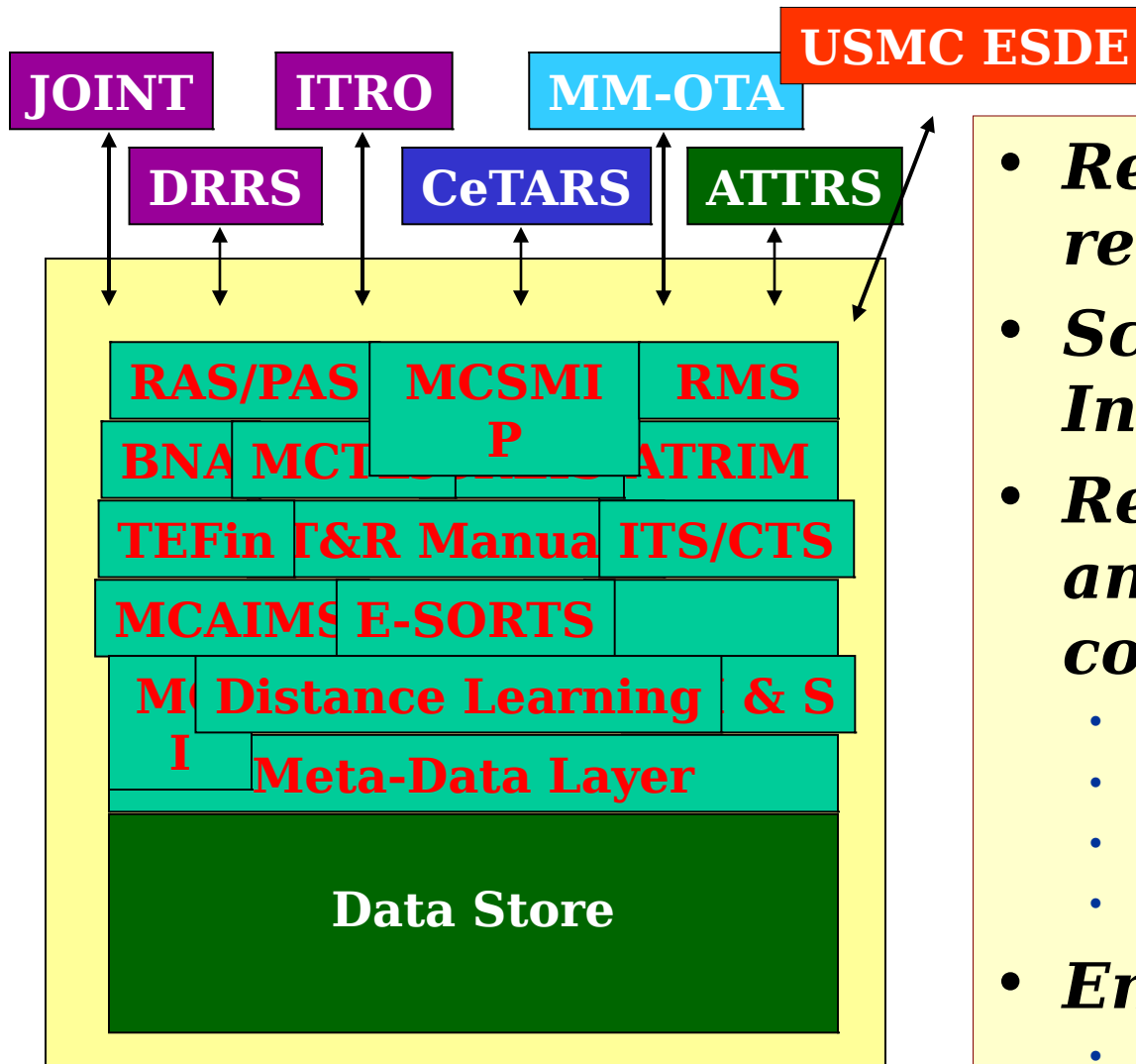
The Solution...



- *A long-term vision for information management that delivers the Training and Education Continuum*
- *Based on a robust, scalable, and flexible application architecture that can support TECOM's requirements*
- *Built to conform to the ESDE Operational Architecture*
- *Interoperable with other Marine Corps systems*



TECOM Integration



- **Reduced redundancy**
- **Scalable / Interoperable**
- **Reduced support and maintenance costs**
 - Equipment
 - User ID management
 - Change Management
 - Interfaces
- **Enhanced IA**
 - Timely / Consistent / Tested



Required Capabilities



- ***Single business application for TECOM information;***
- ***Web-enabled, simple to use and manage;***
- ***Query, analysis, reporting, and drill-down tools;***
- ***Object sharing, reduced replication, and enhanced flexibility;***
- ***Improved accuracy and visibility of training and education data;***



Presenting...TIMS



TECOM Integrated Management Systems [TIMS] - Microsoft Internet Explorer

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Address <https://timsapp.tecom.usmc.mil/> Links Capt G MSN EB Launch TIMS MOL TECOM SREIS 3270 TT

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TECOM Integrated Management Systems (TIMS)

Application

- [Launch TIMS](#)
- [User Demographics](#)
- [Download SMIP Form \(New\)](#)

News

- [General News](#)
- [Release Notes](#)
- [Deployment Notes](#)

Support

- [Support E-mail](#)
- [Support Phone - DSN: 278-4093](#)
- [User Manuals](#) (updated on 11/13/2003)

Training

- [Accounting for Marines](#)
- [Transferring & Dropping Marines](#)
- [Scoring Training Events](#)
- [More Modules](#)

Done Internet



How does it work?

- ***Authorized users sign on through browser***
- ***Interact with a centralized Oracle database in Quantico***
- ***Provided capabilities based on their authority***
 - *Move Marines from unit to unit*
 - *Morning Reports*
 - *Test scores and GPA*
 - *Canned reports and rosters*
 - *Synchronized info with permanent record (MCTFS)*
 - *Training history across entire career*



Key Point 1

- ***TIMS is the linchpin to TECOM's plan for a multi-phased strategy that will transform TECOM's application infrastructure from a collection of disconnected legacy systems to an integrated information resource.***



Key Point 2



- ***The architecture is intended to provide plug and play capability for modules across the training continuum***
 - *Training Delivery*
 - *Training Development*
 - *Training Management*



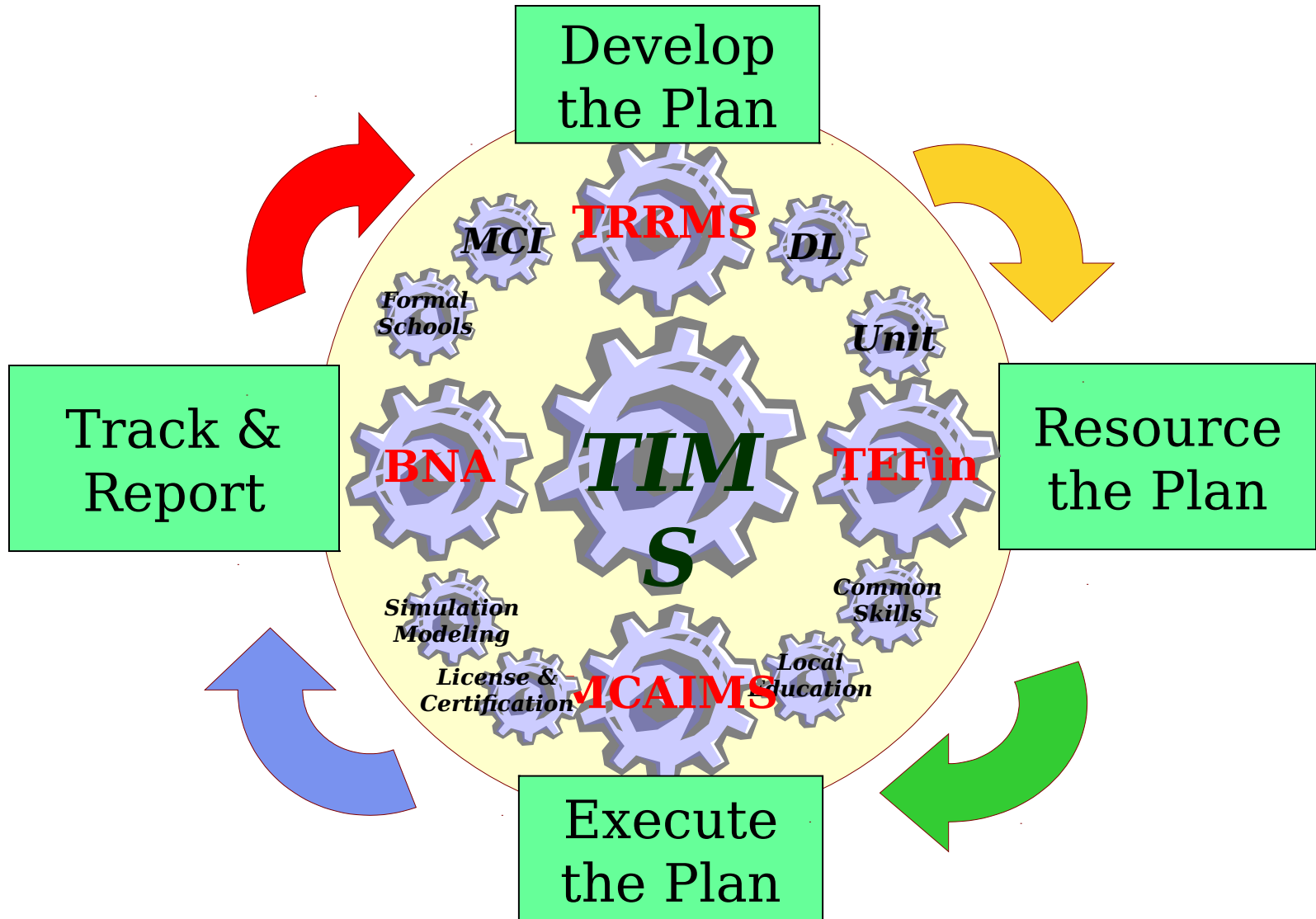
Key Point 3

- ***Modules will transition from existing training systems into the new architecture as they are developed or replaced. As a result, they will automatically inherit the benefits of a common data source, common infrastructure, common reporting and common security.***

Commonality - Integration - Reusability



Putting it all Together





TIMS Development by Phase



	2003							2004				
Phase 0 - Infra. & Foundation	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Applications - Meta-Data Foundation												
Server - Procurement and Deployment	Service Net											
Desktop - NMCI Seat Mgmt												
Validation - T&R Manual (Prototype)												
Phase I - Training Delivery												
Accountability Management (RASPAS)	OCS1	OCS2	PI	SOIE	SOIW	MCCES	ALL ELS	MCCES	SOIW	ALL ELS		
Training Event Recording (RASPAS)	OCS1	OCS2	PI	SOIE	SOIW	MCCES	ALL ELS	MCCES	SOIW	ALL ELS		
Sports Medicine Injury Prevention	OCS1	OCS2	PI	SOIE	SD/SOIW							
Resource Scheduling (MCAIMS)							OCS	ALL	TBS	Aberdeen		
Range Management			Full									
Data Extracts - TECOM/External												
Phase II - Training Management												
Bi-Directional Integration (MCTFS, MCRIS, SABR)												
Student Registration (BNA)											ALL	
Financial Management (TEFin)											ALL	
Quota Management (TRRMS)											ALL	
Executive Information (SREIS2)												
Phase III - Training Development												
Curriculum Development (MCAIMS)												
T&R Manual (Non-Combat)										ALL		
Electronic Training Jacket												
Digital Document Mgmt (Cross-Module)												

15



Develop / Beta Test



Low Rate Initial Production



Full Production



Recent Steerage Change



- ***“Get the Entry-Level schools up and running with student management and SMIP!!!”***
 - *MCRD SD and PI*
 - *OCS*
 - *TBS*
 - *SOI East and West*



Operational Impact

- ***TIMS is not a targeted solution to a narrowly defined problem.***
- ***It is a broad and far-reaching tool that will improve the efficiency and effectiveness of operations throughout Training and Education Command by...***



Operational Impact

- ***Providing the ability to measure and track key TECOM metrics***
- ***Consistent, reliable and timely decision support information***
- ***More efficient business processes***
- ***Reduced total cost of ownership (TCO)***
- ***Support for USMC information technology initiatives***



Bottom Line



TIMS is an integrated application that provides users with the information they need to manage their operations proactively, rather than simply reacting to problems.



The bottom line under the bottom line



Through TIMS, TECOM decision-makers will have an accurate, up-to-the-minute view of the entire training process and will be able to identify and correct problems before they occur.



TIMS Development – Future Phases



- ***Electronic Training Jacket***
- ***ATRIMS (Ground T&R Assessment)***
- ***All TECOM Related Training/Education Systems***
 - *MCI /Distance Learning /Modeling and Simulation / Civilian Education*
- ***Integration with TFAS***
 - *Data / Functionality Sharing with Human Resource Development Processes(HRDP)*
 - *Single Sign-on*
 - *User Security Management*
- ***Integration with Marine Corps Action Tracking System (MCATS)***



Definitions



	Definitions
NMCI Seat Mgmt	NMCI Requirements, Seat Identification, Management and Reporting - TECOM/MARSYSKOM system designed to support the NMCI rollout within the Training and Education Command
Meta-Data Foundation	COTS Security, Navigation & Reporting - COTS Application Package designed to provide pre-packaged security, navigation, query, workflow and reporting engine to support the creation of common applications
T&R Manual (Prototype)	Training and Readiness Manual - Manual creation of doctrinal force structures, training events, references and other object to support the sustainment of readiness for units.
Range Management	Range Management Web Based Portal - Centralized repository of range related references including range policy, range design and range safety. Includes GIS mapping and analysis capability for all USMC ranges
RASPAS	Training Management, Unit Administration and Reporting - Enhanced version of RASPAS, the original software developed by San Diego as a training and schoolhouse administration system
SMIP	Sports Medicine Injury Prevention - Injury collection and tracking tied to both student and training event. Includes multi-variable reporting and statistical analysis capability.
Scheduling (MCAIMS)	Manual and Rules Based Scheduling of Training Events and Training Resources - Capability includes the creation of multiple training schedules based on time requirements and resource availability.
BNA II (Student Registration)	Student Registration - Capability includes viewing service wide course availability, creating preliminary course request, available funding validation, role based approval and waiting list management
Financial Management	Travel Budgeting, Allocation, Funding and Reconciliation - Capability includes the budget tracking, fund allocation to individual quotas, funding request processing and reconciliation after
TRRMS (New)	Quota Management and Congressional Reporting - Capability includes Course quota determination, quota management, course catalog presentation and congressional reporting.
MCAIMS (New)	Curriculum Development, Student Management & Training Management - Capability includes complete curriculum development, approval and tracking, student management and performance tracking
Digital Document Mgmt	Electronic Document Management, Workflow and Approval - Supports universal document tracking and management across the TRRMS modules - RASPAS, BNA, MCAIMS, SREIS, T&R, etc.
SREIS II	Situational Reporting Executive Information System - Standards based reporting and analysis vehicle. Extraction, Hierarchical Reporting, Dynamic Metric creation and Reporting,
ATRIMS	Training, Tracking Management - Automated Training and tracking system for Operational Forces. Supports readiness tracking at an individual and unit level.



TIMS Points of Contact

- ***Contact us for...***

- *Demo*
- *Training*

- ***TIMS Functional Managers***

- *Maj Carl Felton*
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- *Capt Jason D. Grose*
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 - bethardad@tecom.usmc.mil

Questions?



Back up slides





Phase 0



- ***Common Server Infrastructure***
- ***Common Desktop Infrastructure (NMCI Seat Management)***
- ***Common Application Infrastructure (Meta-data Engine)***
- ***Validate Common Infrastructure by deploying the first TIMS Module (T&R Manual Prototype)***



Phase 1



- ***Accountability Management (RASPAS)***
- ***Training Event Recording (RASPAS)***
- ***Injury Tracking and Prevention (SMIP)***
- ***Training Event Scheduling***
- ***Range Management***
- ***Data extracts from other systems (MCTFS, MCRISS, MCAIMS)***



Phase 2



- ***Quota Management (TRRMS)***
- ***Student Registration (BNA)***
- ***Student Travel Management (TEFIN)***
- ***Training Wide Executive Information System (SREIS 2)***
- ***Bi-directional integration with other systems (MCTFS, MCRISS, MCAIMS, Other Service Training Systems)***



Phase 3



- ***Curriculum Development (MCAIMS)***
- ***T&R Manuals (Non-Combat)***
- ***Document Management***
- ***Status - The Curriculum Development module has been funded and analysis has started.***



Future Phases

- ***Future Phases are envisioned to provide next generation capabilities through the TIMS common infrastructure.***
 - *Electronic Training Jacket*
 - *T&R Assessment Management (Ground ATRIMS)*
 - *Activity Based Costing (ABC)*